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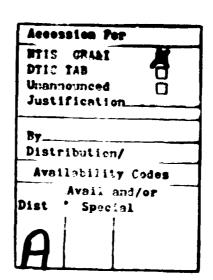
MICROCOPY RESOLUTION TEST CHART
HISTORIA BURGAL OF STANDARDS 1983-A

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered)

	MENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER DR 1274	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
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4. TITLE (and Sublitie) 19308B MLRS		S. TYPE OF REPORT & PERIOD COVERED
Missile Numbers BC-129,	BC-122, BC-132	
Round Numbers V-363/PQ- V-365/PQ-96	94, V-364/PQ-95,	6. PERFORMING ORG. REPORT NUMBER
7- AUTHOR(a)		S. CONTRACT OR GRANT NUMBERYS)
White Sands Meteorologi	cal Team	DA Task 1F665702D127-02
9. PERFORMING ORGANIZATION NAME	E AND ADDRESS	10. PROGRAM ELEMENT, PROJECT, YASK AREA & WORK UNIT NUMBERS
•		AREA & WORK DRIT HUMBERS
11. CONTROLLING OFFICE NAME AND		12. REPORT DATE
US Army Electronics Res	earch & Development Cmd	November 1982
Atmospheric Sciences La White Sands Missile Ran	boratory	13. NUMBER OF PAGES 33
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Approved for public rele	ease; distribution unlimite	d.
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18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side	if necessary and identify by block number)	
20. ABSTRACT (Continue on reverse side	M necessary and identify by block number)	
Meteorological data gath	ered for the launching of	the 19308B MLRS. Missile
MANIDEL 2 DC-TCA DC-TSS	BC-132. KOUNG Numbers V-3/	63/PQ-94, V-364/PQ-95,
V-365/PQ-96 are presente	u in tabular form.	
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LAUNCH A	REA DIAGRAI	3
TABLES		
١,	Surface Observation Taken at 0735 HST at Brillo	4
2.	Anemometer Heasured Wind Data at 30 FT. AGL	\$
3.	Anemometer Measured Wind Data at 60 FT. AGL	6
4.	Anenometer Measured Wind Mata at 90 FT. AGL	7
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13.	E-28 Upper Air Data at 0730 MST	23
14.	E-28 Handatory Levels at 0730 MST	29





I TRODUCTION

193333 N.RS. Missile Numbers 3C-129, SC-122 and SC-132, Round Numbers V-3G3/PQ-94, V-3G4/PQ-95 and V-3G3/PQ-9G, were launched from Smillo, duite Sands Missile Range (USMR), New Mexico, at 7737/SG, 9749/33 and 1749/35 MST, 15 New 32. The scheduled launch times were 9739, 9733/94.5 and 3739/99 MST.

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Methodological data were recorded and reduced by the White Sands Methodological Team, Atmospheric Sciences Laboratory (ASL), White Sands Missile Range, New Moston. The data were obtained by the following nethods:

1. Observations

a. Burface;

(1) "Standard surface objervations to include pressure, temperature (°C), relative humbity, dev point (°C), deesity (ga/n°), what direction and should, and cloud cover were made at the Brillo fot Site at 1-0 minutes.

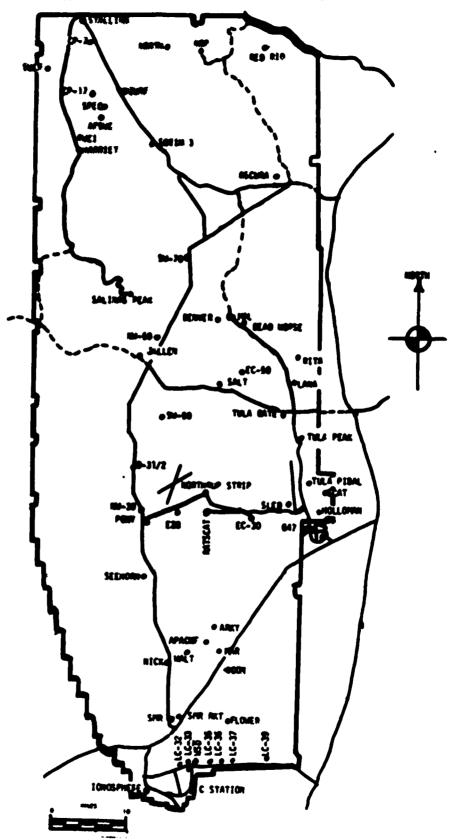
(2)—Magnemeters data were provided from existing timer-mounted anomameters at Grillo. Monitor of wind speed and direction from one anomameter was also provided in the launch control room.

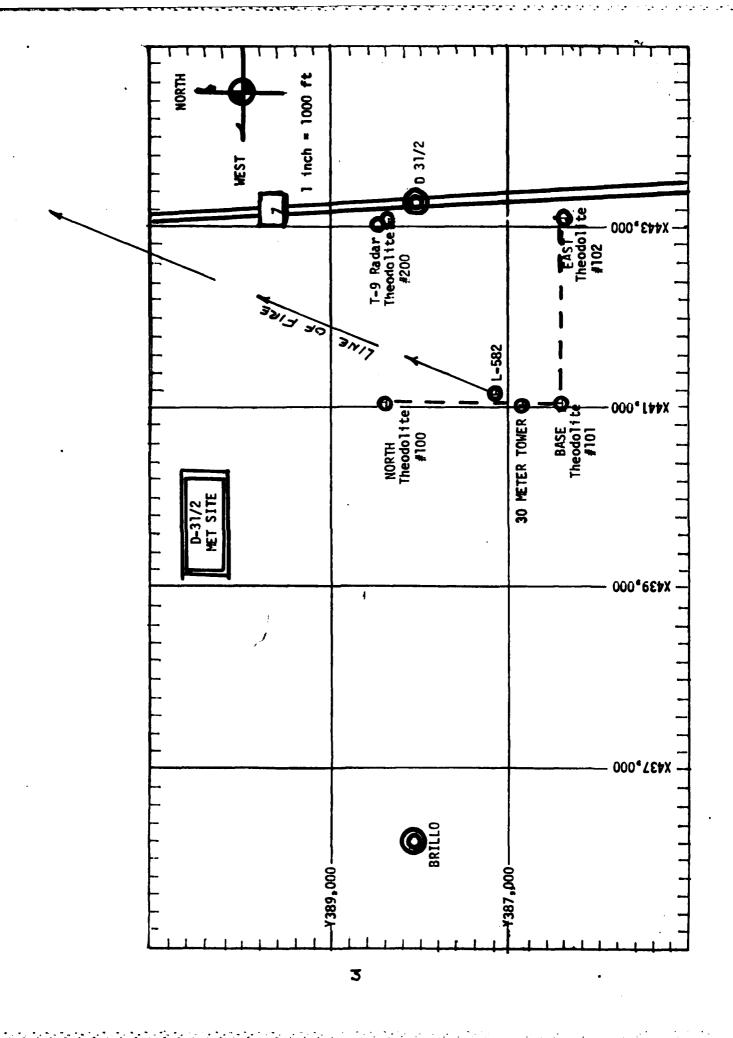
b. Upper Air - Air structure data (rawinsonde) were collected, at the following Met Sites. \P

SITE AND THE

E-28 0430 HST W-30 0530 HST E-23 0730 HST

WSMR METEOROLOGICAL SITES





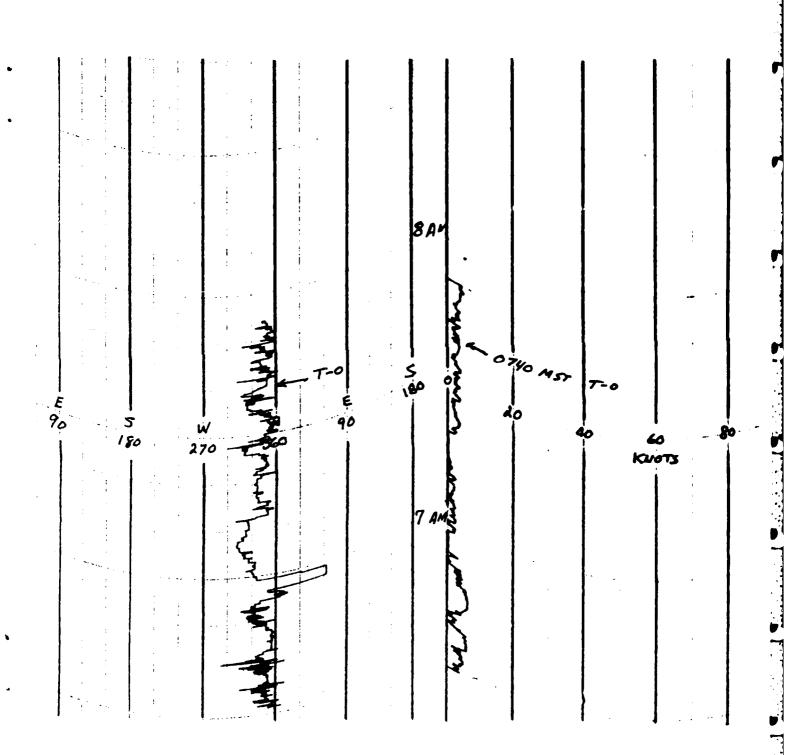
PPOJECT SURFACE OBSERVATION

TABLE 1							STATION BRILLO	10		
NATE 10	,	S					x= 441,121.6		Y= 387,103.8 H= 4005.2	- 4005.2
DAY	HONTH YEAR	YEAR	ř				441 121.6	-	387 107.8	4005.2
TIME IN ST	PRESSURE TEMPERATURE DEW	TEIMPE POF	ATURE OC	POINT OC	PELATIVE HUMIDITY %	DENSIIY gm/m³	DIFECTION degs In	SPEED kts	CHARACTER kts	VISIBIL- ITY
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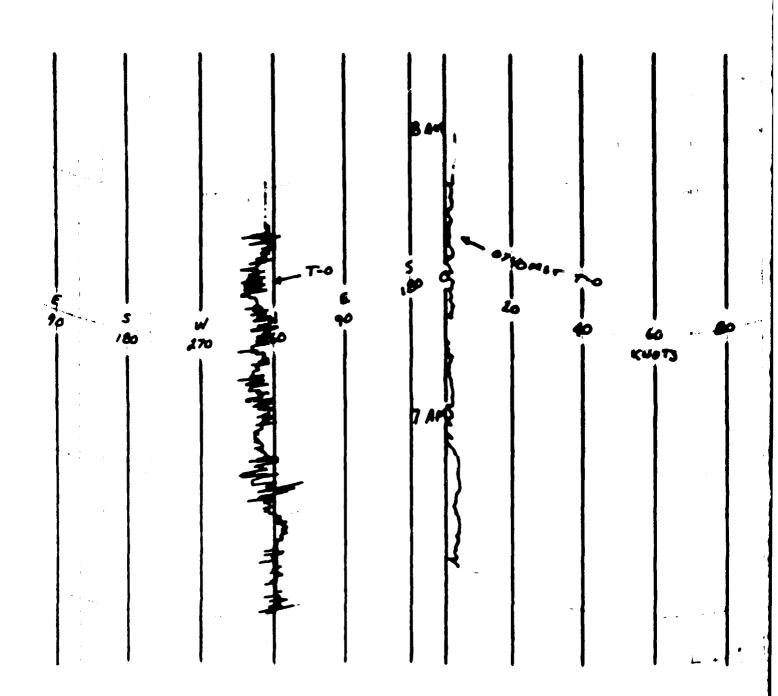
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PRCTOUCTIONS	×	+ IAYE	1	200	d LAYE	2	l 3rd	LAYE		REMARKS
TO VISIBILITY	AMT	AMT TYPE HGT	•	AMT	AMT TYPE HGT	нст	AMT	AMT TYPE HGT	нст	
	-	ĄC	100	23	CI	250				
								1		

PSYCHRONETRIC COMPUTATION

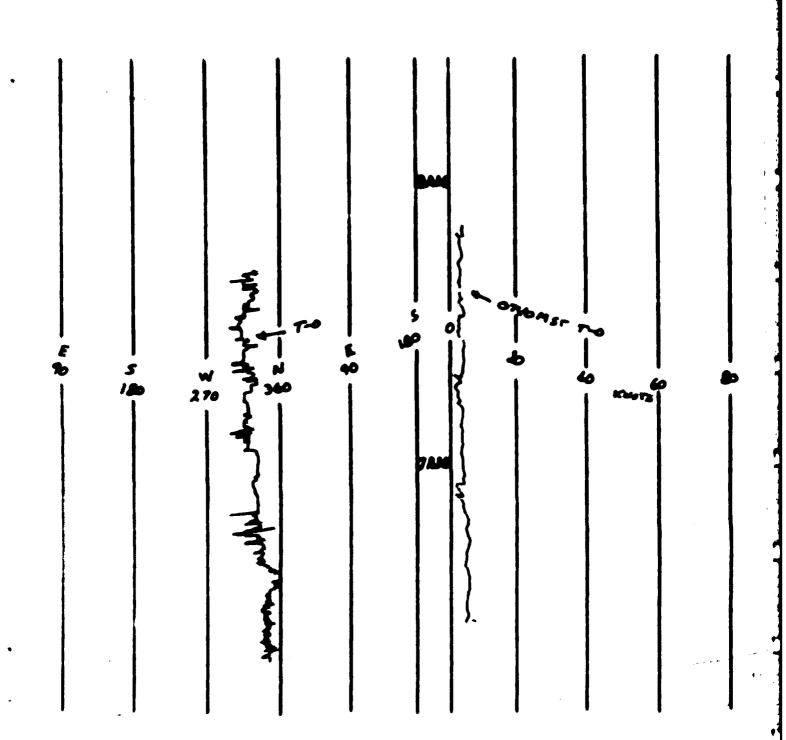
TINE:	0735	
DRY BULB TEI'P.	1.0	
WET BULB TEMP.	-0.7	
WET BULB DEPR.	1.7	
DEW POINT	-13.3	
RELATIVE HUMID.	33	



A= 441,015 /1 /= N.E. NAV. - 4,008 to just



Anonometer Sata - 90 flockel of 30 Meter fower 4= 441,618.71 /= 326,349.19 n= 4,004.80 (BASE)



AIMING AND T-TIME COMPUTER MET MESSAGES 15 Nov 82

E-28 043	O MST	NW-30 05	30 MST	E-28 073	O MST
METCM1329	064	METCM1329	065	METCM1329	064
151150119	888	151250122	886	151450119	888
00000000	27180888	00356001	27640886	00000000	27200888
01335010	27600877	01321012	27730875	01330004	27450877
02297012	27680851	02294012	27600849	02304006	27560850
03293013	27560810	03312013	27570808	03294011	27540809
04397013	27730761	04409013	27800760	04385010	27810761
05417016	27830716	05397020	27840715	05415022	27900716
06412020	27500673	06421023	27490672	06434022	27530673
07432025	27160633	07432028	27120631	07437024	27220673
08453022	26810594	08461023	26780593	08461022	26830694
09454022	26400557	09456026	26440556	09465024	26540557
10472022	26340522	10467026	26310521	10468023	26400522
11479026	26020484	11487029	25960488	11493023	26110490
12490030	25470443	12498035	25410442	12489025	25500443
13485034	24590387	13496040	24570386	13498032	24710387
14494039	23730336	14512050	23710335	14499034	23860336
15516050	22890290	15515056	22840289	15481042	22990291
16517052	22050249	16512061	21940249	16486043	22180250
17506071	21700213	17506086	21730213	17499069	21830214
18512081	21420182	18509094	21390182	18510080	21530183
19504077	21080155	19503095	21030155	19508078	21210156
20503073	21100132	20502083	21050132	27500068	21030133
		21505072	20890112	21510067	20950113
		22512069	20840095	22492055	20880096
		23468048	20880081	23472053	2094W82
		24477024	20670069	24518034	21040070
		25500025	21060058	25493033	21100059
		26513027	21320050	26508029	21260051

5912-75 Fr. 1 JSL 0450 1005 201	
STATION ALITMAC !	ASSERTION 110 - 104

SIGNIFICANT LLVLL JAIA Nightsolius LAST-Zofunder

of Out He is Governments \$2.09967 LAT LEG 130-40391 LOG DEG

TAILE 6

Marting Ma		2.53	2 - Ta	22.0	»· •		2.0.	5	E . C.	?	0.4.0	77.0	7. · · ·	3	33.6	72.6		***	3.43	47.0	9.5	3.7	7.4	7.0		*	****	: 3													
TF 14ft, 12 A F. Jack	CENT I CHAMLE	-1.,	***	2.5	1.0.	-10.4	3.7	1.7.	***	*	*	***	·••	-19.5	-12.	> · P ·	• • • • • • • • • • • • • • • • • • • •	- 70	-11.0	-47.0	->!	٠٩.	·		**		7.7.7	-46.3													
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G. Gat. THIC		5916.7	4091.3	4.275.A	5.4005	1144.7	1.13%.1	3440.0	1.146	2744.5	10.550.0	11250.1	11044.5	これに	13125.9	13770.5		Intelline 3	16.18%.8	12,782.2	181171.7	1 1050.5	1475	210012	24.5 See. 5	24.7 Ye. 1	27.18.1.5	,	31n7n.a	S. 1204.8	70.00	, C. W. J.	39723.7		A years a	# . K. Y. D. M.	No. 12.5.	40164.5	anten.o	50152.7	52544.2
PARESTAN	* 1LL 111A45	CA.1.3	1112.1	1176.2	M.50.0	175.5	75,-1	147.5	740.2	113.2	1.30.0	***	t. 500 a	4.42.3	£4.00								5.505												5.4.4				`.		Prime a

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of Oot 11c 32 of 130 of	1	White Notes	•	?		₹. ~	 - :		5	1.1	£ 3.0	· · · ·	ن ئ ن	16.7		500	· ·	- · · · · · · · · · · · · · · · · · · ·	7.5.5	73.9	23.0	0.77	21.0	51.9	22.1	22.1	22.3				25.4	7.5	27.0	>c.	24.5	20.5		21.7
	INU WILL	Just of In	•	103.0	3.621	3.52	3 - 6 3		1000	4.603	1.41.	3.27	4.76	7.5.	3	7.000		27.7	***	1.00		****	2.10	, , 1 < ,	\$. V.	1.167	7.73	V.C.			**0/>	4/3.5		7.7.0	1.11.7	**************************************		5.77
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•	ist L. Jam.	PERCENT	0.50	h3.0	43.7	42.3	× 1 1		7	42.0	***	57.0	46.8	50·3	25.0	6.5		40.64	51.2	27.5	51.7	7	6.50	46.0	c.0	27.4	•	* • •	0.0		7	¥.	19.0	19.0	- · · ·	19.0	C.0	19.0
15. 31.	HE T'A TIME	ULBPOTUT CLRT I SHADE	-7.5	4, 4, 4	-6.1	٠٠٠		, ,	-10.1		-7.0	-2.0	÷ ,	-4.1	\.\-	-200	1.71		-2.0	-17.2	7:11-			6.71-	-17.6	2000	0.15.	0-10-	1010	7.1.	-12.2	1.50	-33.5	1.5%	-35.3	-34.4	-37.5	- 5A.S
12-75 FEET SSL 043n ned kST	16 1414	_ 3		€.	4.0	بر و و	n d		*	×.2	3.5		\$ ·\$	r .		- ° °			-1.2	•	5.5-			_	-9-1	_				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			2.5.	2.5.	-17.2	116.6	-19.9	K1
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575.10, 74.1114,4 3912-75 15 109-72 - 043n Aberester 10 - 154	PPPSSUPE	AIN WILLION'S DECKL	Parity 4	A . C. 's H	\$	1.54.0		E TON		770.1	10.100	1:1:1	1,50.7	1.07	(/	2			A	h51-F	5-6,19	,	1.404	11-764	>1.1.	E - 1.7.	U - 0 10 1				5. 0.1.W	479.5	2.4.35	41.0.1		1011.00	455.	•

VEODETT, COUNTIMIES	52-04727 LAT DLG	1591 LON OEG	Incex	5	MET MACTION.	1.000130	1.000128	1.0001.6	1.000124	1.000122	1.000150	271000-1	1.000114	1.000112	1.000111	1.000109	1.000107	1.000105	1.000103	1.000101	1 • 0.000%	1.000058	1.0006%		1.000043	1.0000-1	060000-1	1.000047	1.000005	1.000083	1.00001	1.000079	1.0000.1	1.000070	1.0000	1.000073	1.0000.1	1.000009	1.000008	1.600000	1.00005	1.90004	1 • 000005
UEODE TTC	32-0	130.40241	<u> </u>		א ב	32.7	33.6	33.5	す・りの	33.1	50.00 50.00	7.00 2.00	36.0	37.2	36.4	0.04	41.6	43.8	45.0	47.8	9.64	51.5	53.1	53°4	53.6	52.5	7.10	51.1	53.8	56.6	61.5	66.4	70.5	74.6	0.7	78.7	6.07	30.4	80.9	80.2	7.67	9.2.	75.1
			INC UNI	URLC110W	LGREES IN	271.7	Z-10-7	711.0	272.7	7.4/7	5. ±/.1	2007	7/2.6	4.072	2.77.5	79.0	ი•0ი.7	4.502	5.507	1.102	269.5	291.5	7.767	292.4	0.263	1.262	7.10.	100 To 10	20.60	0.882	4.00%	U•043	204.7	2000	0.007	o•ດຸລຸງ	2.002	280.b	c.102	0.473.	V. 10.7	*·/27	ς•nα>
41 مر	ILI,PY		שייולא	SOUTE	21012	610.7	615-1	610.4	611.7	610-1	** 200	400°	1000		Ī		1.00,05	595.1	593.5	6.745	590.5	588°C	28/10	5.00	503.7	582.0	0000	1000	575.0		574.4				ה. ה				574.0				267eu
HFFLR ALK DATA	1 AST-26/CHLI.PY	TABLE 7	DENSITY S	د	ME TELY	577.9	2•695	560.0	551.6	5.500	534.7	3 · 3 · 5 · 5 · 5 · 5 · 6 · 6 · 6 · 6 · 6 · 6	2.50	501.1	4,000	445.0	477.1	1.69.	461.9	2.434	4.044	430.7	431.1	450.7	410.4	6.004 6.004	505 505 505		381.6	374.0	364.9	350.1	347.7	340.6	5.52.0	325.6	310.5	311.3	304.4	3.000	201.5	2.50.0	280.1
-			KEL.MUN.	PERCFNT		19.0	19.0	19.1	19.5	ú*6I	20.3	· • • • • • • • • • • • • • • • • • • •	26.50	31.8 8.10	44.5	57.2	51.8+	35.3**	18.8**	2.3**																							
1 ×5L	I-ST		TEP94 KATUPE	DE MPOTEIT	CERT TORADE	-30.K	6.54-	U+2+U	4.3.0	-43.9	5.55		2000	15.00	-43.5	4.0.6	-44.7	-47.3	155.0	-71-9												•											
	130 1180 1.ST		TE.19.	, 1K	ווראבני	-22.6	-53.9	6.50-	9-96-	0.8.5-	£ + 5 C =	0.07	1.55	F - 4F -	1.55.A	-77-2	-38.6	4.6F-	-41.1	-42.3	-43.6	ケ・カレー	-46.1	47-4	1.3.7	Ú•0;-	2.15.	C • 7 · 1	16.00	-65.9	1,5.7	-15.6	-55.6	1,50.0	-56.5	-: 6.9	-r. 7.3	9.15-	-57.9	5-62-5	· 6 ·-	-60.1	6.04-
11T ⁽¹) _{DE} 391	ء : :	10.	PR! SUUKE		MILLIUNKS	415.7	407.5	370.0	3.40.6	9:2:36	374.3	0.000 2.000 2.000 2.000 3.000	36.10	363.6	330.2	3,000	3,1.7	314.6	507.7	500.0	204.1	2,17.5	286.0	274.5	₹.8•3	262.2	2000	3.00V	2.00.2	233-3	227.8	222-4	411.2	212-0	0.707	204-1	1.3/64	135.7	1.001	1950	179.2	174.0	170.7
STATIGH ALTITUDE 3912.7	12 - A 24 - 13 - 13 - 13 - 13 - 13 - 13 - 13 - 1	Abeliaten no.	OF URIL TRAIC			4.5500.0	2.4110Pe.5	4.4506.0	25002°C	75566.0	Zentitio . ?	3.00000	7,000.7	20000	0.0000	29nar.6	29500.0	300005	30,,69.0	31000.6	31500.0	34000.c	3,500.0	5.5000	335,90.0	54400.0		0.004.7	300000	Jebblin.i.	57490.7	57500.0	24496.	3658A.	0.00000	6.7007.5	40000	40540+0	t Tullus	41500.	C-38624	•	45000.0

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AT LEAST UNE ASSUMED RELATIVE HUMIDITY VALUE WAS USEN IN THE INTERPOLATION.

THE TAXABLE PARTICLES SCHOOL SHOPE WHEN SHOPE SH

				UPPER AIR L	414			
STATION AL	STALLOU ALTHINGE 591	12.7'5 Fri 1 MSL		119929016	ŧ		VEOUL II	SEOULTIC COURDINATES
15 10% 12	_	14.50 HRC 3451		EAST-20/CHLKRY	ILIKR T		32.	32.03'127 LAI DEG
ASLE 115 140 104	40. 104			TABLE 7			156.	136-40591 LON DEG
				Cont'd				
GEORG TALC PRESSURE	PRESSURE	TEMPLRATURE	KEL.HUM.	DEUSTTY	אט הארול	"IND DAIN	<u> </u>	INOFX
ALT 1906. NSL + F.E. I	AILL IDAIS	AIR DEMPOINT UNCHERS CENTISRADE	PERCENT	GMZCUNIC METER	SUUMB	", IRLC IOH	SPEED KNOTS	OF KLF KACT10N
4.5569+	160.6	-41.7		274.4	560.5	d•€85	73.6	1.000061
441137.0	162.6	-62.5		250.8	560.4	284.5	74.7	1.000000
44500.0	156.6	-62.6		262.4	565.0	5.55%	75.8	840000 • T
45000.0		-6.2.6		250+1	565.3	6.203	77.4	1.000057
45500.0		-42.7		249.9	5656	C02.5	79.1	1.000056
460006		-62-4		245.0	565.5	<82.€	79.8	1.000054
ը • ընդ, դա	145.3	-6.2.1		237.3	6.000	2020ء	77.8	1.000053
4.0000 A	140.5	-1.2.0		231.4	560.1	7.20	75.8	1.000052
47500.0		-61•A		225.0	5600	5.797	73.9	1.000050
4.01104.0		-6.1.07		220.0	20000	263.3	72.1	1.000049
44500.0	130.5	-62.0		215.0	560.1	264.1	70.4	1.000048
C*600F.4	12/02	162.6		210.4	5000	0.cb>	69.7	1.030047
4.05.00.0	124.1	-62.9		205.6		7.502	0.69	1.000046
5.00000		-6.2.2		109.9				1.000045
ระเรกก. ก		-61.8		104.7				1.000043
51000.0		-62.4		190.5	565.0			1.00042
51550.0	112.5	1.3.0		180.4				1.00042
52000.0	109.7	-63.6		182.4	563.4			1.000041
52500・3	107.1	-64.2		176.5	1.695			1.000040

STATION ALTITUDE 3012.75 Fr. 1 MSL	3199290164	0.50
15 140V NO 0430 1400 MST	EAST-20/CHURR	•

SEODETIC COURTINATES	32.67927 LAT DEG	136•40591 LOH DEG
310020016	EAST-PO/CHERRI	TABLE 8
. 1 ASL	TSM 7	

يد س	PRESSURE LFUPOTENTIAL		FRATURE DEPARTMENT	NEL-HUM.		UA IA
ILL Ipaks	FEET	DEGREFS	GREFS CENTIGRADE	PENCELLI	LEGNEES(IN) KN	KNOTS
c	50AL		-8.7	41.	163.0	4.5
_	6689	1.7	9•6−	,7 l,	172.0	11.4
ç	8402.	4.8	3.4-	51.	220.3	15.1
<u> </u>	10249.	3.6	-1.9	07.0	230.7	10.0
ç	12209.	F. 1	4.7-	01.	239.1	25.2
C.	14272.	8-4-	n•01−	• • • • • • • • • • • • • • • • • • • •	6.000	2<.1
ے	16517.	-10.8	6.22-	30.	250.1	24.1
=	18926.	-12.1	-31.5	10.	20009	25.0
4:0C;b	21545.	-17.4	-35.4	19.	270.9	29.5
ç	24307.	-25.1	-41.9	19.	5/1.5	33.5
c.	27526.	-33-3	-45.7	27.	275.7	36.1
دِ	31nj0.	-42.5			P-182	40.0
c	34953.	-52.6			7.71.7	51.1
Ç	39629.	-57.1			265.9	79.3
Ç	423A7.	-60·1			20/05	77.7
ç	45515.	-62.7			49.79.7	23.62
c	49212.	-63.0			205.5	69.3

AT LEAST ONE ASSUMED RELATIVE HIMIDITY VALUE WAS USEN IN THE INTERPOLATION.

SIGNIFICANT LEVLE UAIA 31902-0032	S ME	TABLE 9
STAFTON ALTITUDE MOTORNO FOR F MSL	15 40V. 92 0550 1185, 115T	A5CL, ITS TOU 140. 32

OLODETIC COORDINALES 32-88497 LAT DEO 106-49714 LÓN DEO

ארר.יוווא. יינאכריע!		
TEMPERATURE IR DEWPOINI REES CENTIGRADE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
TLMPE AIR Degrees		444
GEONETHIC ALTITUDE MSL FEEI	4010.4 5124.1 5124.1 5124.1 6175.2 1075.2 1075.2 1070.2	6103c.1 62793.4 66788.6
PAESSURE	88 88 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	283

L 4610.40 FFFT NSL	0530 DES 155	· ·
יניווטיי יירדוויטער		ASCENSION NO. 3

UEOULTIL CUUNTIANTS 32-00477 LAT UEG 106-49714 CON LEG

4140			Mc L AM.	PERCLUT						
516444 1CANT LLVLL UAIA 3190220032	EE 33	TABLE 9 Cont'd	TE MPERATURE	AIR DEWPOINT DEGLELS CENTIONALE	-6.0.7	-61.0	6.63-	4.5.6	-55.6	• 1
40 FFET BSL	STATE OF THE STATE OF		PHESSING GLONGTHIC	ALLINANS ALL FEE!		45.1: 70030.7	41.0 71506.6		32.H 70661.7	

STATION ALTITUGE 4010 15 10V- 62 ASCLESIAN 110- 32	7170EL 401	10.40 FFET ASL 6534 HRG AST	:1 ».5t .iST	-	UFFER AIR WAIN 3190224032 HE 30 TABLE 10	A1 40 55		∪€0UL 7.1 32• 10••	VEOULTIC CGONEINATES 32-00497 LAT LEO 100-49714 LON LEO
6F 05/17/21C AL 13/1908 RSL - F.E. 1	PRUSSURL HILLIDAES	TEP9 A 1R DE CRLES	FRATIJE Dewiolrt Centigrape	KEL JAM. Percent	DF1151TY GNZCURIC WETER	Spirr of southern NHOIS	"INCUTAL UAIA UNITAL UAIA UNITALURE CONTRA UNITAL U	1A SPEEU NAOTS	ITALE X UP HEFRACTION
4016.4	846.3 870.2	3.9	o - c	0.00 0.00	1117.7	C. V.	7.0/1	- #	1.000255
5.003.	5.40x	2.0	2.51-	30.0	1077.0	34	0.001	\$.	1.000254
C. บบบว	# - 7 CR	2.2	S - 3 - 1 - 1	39.6	1034.6		100.7	12.9	.00024
6556.4 /1110.6	307.00	 	-10.c.	6.68 6.68	1070.		174.0	12.5	1.006241
7500.0	171.2	3.5	6.6-	40.7	4.976		4.00.	10.6	. 00023
bufin. 41	16.2.B	3.9	6.4-	41.7	957.5		263.0	~	. 00023
8500.f	740.6	5.5 5	-4-1	50.1	935.6	1-150	7.7.4	15.6	1.000230
4000	734.8	5.6	J•K-	51.4	916.0		1.622	18.0	. n0n22
9500.C	/21.3		-4·7	£0.1	901.0	_	1-1-7	2n.0	. 00022
11000.0	0.20	•	7 · F.	55.0	807.C		2.032	21.0	-0002
0.0001	2 - 1 RG	1.0		2004 1004	361.0	7.7	2.00.4 2.20.4	22.5	1.04021
31500.0	1.690		-	70.6	340.4	_	4.37.5	22.7	1.000212
12000-9	0.00	2.1	-7.6	57.3	8.50 · 4		J.057	23.3	•
12500.0	2000	-1.2	7.6-	54.5	875-E		2.72	24.3	•
1.5556.C	6-15-0	- S	3 C	65.1	**TIC	1.142		25.45	2000198 7010001
0.00041	2000	1000	711-	57.7	78.00		20.7 20.10.		6×1000-1
14:000.0	5)6.5	-5-1	-14-0	6.00	774.4		2000	24.5	1-000123
15000.0	345.6	-ù-J	-17.6	40.2	763.0		5-0G7	23.9	1. 100174
15500.0	573.7	6.7.	9-61-	38.2	752.0		7.7.5	23.7	1.000175
10000	551.7	1.0.1	-12-1 	- 5°	730.4	625.6	7.607	25.0	1.0001/1
17000.0	540.3	-8-0	- Sn. c	14.1	710.4		4.707	25.1	1.000161
17500.0	530.3	-9-1	-31-4	14.3	\$-66°	•	* · 5 · 5	25.5	1.060158
Aunn.n	J-025	•	-32-1	14.5	680.7	_	7.50×	25.7	1.000150
18599.9	2 · 7 · 7 · 7 · 7 · 7 · 7 · 7 · 7 · 7 ·	7.5	-52-9	£ 6	1.9/0		7.7.7	0.75	551000 F
1.5500.0	5.616	-15.5	5.4.5	10.4	657.0	627-5	273.2	20.0	1.000148
200002	400.2	-14-5	34.6	15.8	64.00		711.1	31.9	•
~11,700.V	470.4	-15.5	-35.5	14.1	6.36.3	_	7007	33.7	1.000143
21004-0	451.2	9-91-	1.45-	16.5	1.929		9.00	24.5	1.1000.1
~150v	452.C	-17.6	253	16.9	y-oly		2.19.7	6.90	1.000139
C.100.	4.6.5	10.0	-37.7	17.0	597.3	1,14.2	3.000 V	35.0	1.000150
2.5000.5	B - 10 B	-21.5	-30.9	17.0	594		4.0L/		1000
235AA.A	410.5	->2.8	-41.0	17.0	579.1	010.5	~	35.5	1.000130

TABLE TRACES TRACE TRA	STATION ALTITUDE	ווניטטרוו	Agin.in Fe,	O FE, L MSL	-	UPPER AIR UNIA 3190220032	Unia 3c		UE ODE TI	VEONETIC COURLINATES
PRESCANIC FEMERIATURE ACL-ILUM, IBENGITY SPEED OF ALIND DATA ILIA	IS NOV. 32 ASCERSION I	32	11530 HRG	TS:		TABLE 10 Cont'd			106.	00497 LAT DE6 49714 LON DE6
ALLLIAMS DERREC CENTIFRANCE SUBAD LIMECTION SPEED MICES AND LIMECTION SPEED MICES AND LIMECTON SPEED MICES AND LIMECTON SPEED MICES AND LIMECTON SPEED MICES AND LIME SPEED MICES AND LIMES AND LIME	GEOMETRIC	PRESSURE		PERATURE	KEL . HUM.		Sreku of	MINU UA	1۷	INULX
99.55	ALTATUOL MSL FEET	HILLIDARS		ULMPOINT CENTIGRADE			SOUND	LIRECTION ILEGREES (IN)	SPEED KNOTS	UP REFRACTION
919.5 -55.4 -43.0 17.3 564.6 615.5 275.7 37.0 941.0 -25.7 -43.0 21.4 582.7 610.2 277.7 38.1 942.0 -41.5 33.5 56.7 610.2 271.7 40.7 572.1 -41.5 37.9 57.2 600.2 201.7 40.7 572.1 -41.5 37.9 57.0 600.2 201.7 40.7 572.1 -41.5 37.9 57.0 600.2 201.7 40.7 572.2 -41.5 37.9 57.0 600.2 201.7 40.7 572.2 -41.5 37.9 57.0 600.2 201.7 40.7 572.2 -41.5 37.2 57.4 40.0 500.0 60.0 50.0 40.5 50.0 40.5 50.0 40.5 50.0 40.5 50.0 40.5 50.0 40.5 50.0 40.5 50.0 40.5 50.0 40.5 50.0 </td <td>24000.6</td> <td>401.8</td> <td>-24.1</td> <td>-45.1</td> <td>17.0</td> <td>570.3</td> <td></td> <td>270.7</td> <td>36.2</td> <td>1.000128</td>	24000.6	401.8	-24.1	-45.1	17.0	570.3		270.7	36.2	1.000128
391.0 -26.7 -42.2 21.4 552.7 611.0 277.7 38.1 372.8 -41.7 25.5 53.5 600.5 200.5 </td <td>0.000,45</td> <td>3.11.10</td> <td>->5-4</td> <td>-43.0</td> <td>17.3</td> <td>561.6</td> <td></td> <td>6.027</td> <td>37.0</td> <td>1.000126</td>	0.000,45	3.11.10	->5-4	-43.0	17.3	561.6		6.027	37.0	1.000126
5/4, 7. 79.4 44.5 25.7 535.5 600.0 201.7 42.7 5/0.2 30.6 42.7 53.5 600.0 201.7 42.7 5/1.5 30.6 42.0 600.0 201.7 42.7 5/1.5 33.6 42.0 600.0 201.7 44.3 5/1.5 33.6 42.0 600.0 201.8 45.7 14.3 5/1.5 33.6 42.0 600.0 201.8 45.7 14.3 5/1.5 33.6 40.0 60.0 201.8 45.7 14.3 5/1.0 40.0 50.0 60.0	25007.3	391.0	-56.7	2.24-	21.4	552.7		277.1	38-1	1.000124
55.51 3.76 41.55 5.76 55		2,02,4	1.8%	7 · 1 · 1 ·	د•د5 د•د5	1.44.		7.672	45.45 40.45	1.000122
519.1 - 32.1 - 41.6 37.9 510.9 610.0 502.8 46.3 11.5	0.00	5000 S	-30.8	ก เก• * *	, e.	527.2	_	2.007	44.3	1.000118
35.1.5 - 35.5 - 11.9 9 10.0 0 010.0 267.1 17.5 17.5 25.7 1 17.5 25	27m00.4	559-1	-32.1	-41.6	37.9	510.9		8.70.7	45.7	1.000117
39.674 39	C.033		-73.5	-41.9	45.0	310.c		504.5	46.3	1.900115
22.2.	9.00		1400	-43.5 -45.4	39.6++	502.0		2.86•1 287•1	47.5	1.000113
352-0 -36-6 14.3** 476.0 590.0 292.9 53.6 51.0 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59.5	0		-37.2	-50.7	22.7**	400.1		769.0	51.6	1.000109
313-0 -39-7 -63-4 5.9** 462-4 593-6 294-2 555.2 301-1 -41.0 -41.0 66.2 593-6 294-2 556.2 301-3 -42.3 -43-6 593-6 294-2 57.0 1 201-5 -43-1 439-6 593-6 294-2 57.3 1 201-5 -47-3 447-6 590-2 295-3 1 295-3 1 201-5 -47-3 447-6 447-6 50-7 50-7 50-7 1 295-7 295-7 295-7 295-7	27580.4	322.0	-38.5	-55.6	14.3**	476.0		2,74.5	53.8	1.000107
50.5.1 -11.0 50.5.3 -12.3 50.5.5 -12.5 50.5 -12.5 50.5 -	50000-1	515+0	1.98-1	-63•4	5.9**	1.021		6.567	55.3	1.000105
2011-3 -11(2-3) 2011-3 -11(2-3	0.000	300·1	-410			462.4		2.4%2	56.2	1.000103
281.2 - 465.1	100.0	301+3	-42.3			454.0		20402	57.0	
281-2 - 465-1		20,400	2000			0 · / + 5	_	7.067	57.5 57.4	1.000100
25.247.9 25.347.9 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0		20110	T • C • 1			0.60%		() () () () ()) i	060000.
264-6 -49-4		274.8	6.7%			425.1		7.407		1.000045
262.6 -450.8 201.0 57.2 500.9 201.0 57.0 1 250.5 1 250.5 250.5 1 250.6 -45.6 2 201.0 577.2 200.0 50.5 1 250.5 201.0 577.2 200.0 50.5 1 250.6 1 250.7 2 200.0 577.2 200.0 50.6 1 1 250.0 -450.2 200.0 577.2 200.0 50.6 1 250.0	ยู่ยู่เกา	26000	4.64-			418.1		1.182	56.0	1.000093
250.5 -52.2 200.7 205.0 59.3 1 250.6 -53.6 -53.6 50.7 57.2 288.1 61.1 1 23.9.0 -50.7 57.2 288.1 61.6 1 2 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 2 1 2 1 2 1 2 1 2 2	04.3	262.4	F-50.8			411.2	_	201.0	57.0	1.000092
250.6 -43.6 54.9 57.2 288.1 61.1 1 244.8 -54.9 57.5 289.7 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57	000	200.5	-52.2			す・セロヤ		245.5	59.3	1.000090
244.08 -544.9	000	250.6	-43.6			307.0		∠68•1	61.1	1.000089
239.0 -56.2 235.4 -56.2 253.4 -56.0 257.9 -56.0 257.9 -56.2 257.9 -56.2 257.9 -56.2 257.9 -56.2 257.9 -56.2 257.9 -56.3 217.3 -56.3 217.3 -56.3 217.3 -56.3 217.3 -56.3 217.4 57.5 -56.3 217.5 -56.3 217.6 -59.0 217.7 -57.5 272.5 -56.4 272.5 -56.4 272.5 -56.3 272.6 -56.4 272.6 -56.4 272.7 -57.5 -56.8 272.7 -57.5 -56.8 272.7 -57.5 -56.9 272.7 -57.5 -56.9 272.7 -57.5 -56.9 272.7 -57.5 -56.9 272.7 -57.5 -56.9 272.7 -57.5 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9 272.7 -56.9	0.1.0	24:1-8	6.50-			390.7		0.685	61.6	1.000001
227.9 -55.2 200.0 274.9 274.1 202.1 67.5 1 222.5 -45.2 204.2 575.2 204.2 67.5 1 222.5 -45.4 67.5 1 200.0 574.9 203.1 76.9 1 212.1 -55.5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	00.00	239.0	-56.2			383.5		**/ 02	62.3	1.000085
22.55 -45.44 350.0 574.9 203.1 76.9 1 22.2.5 -45.44 203.1 76.9 1 22.2.5 -45.44 203.1 76.9 1 22.2.5 -45.45 20.0 574.9 203.4 84.9 1 22.2.5 -45.1 -45.5 9 94.0 1 574.9 573.7 204.0 94.0 1 197.5 -45.3 3 12.4 57.2 57.5 95.5 1 57.4 57.5 95.5 1 57.4 57.5 95.6 1 22.0.4 94.7 1 22.0.4 94.0 1 179.2 -45.3 1 22.0.4 94.0 1 179.2 -45.3 1 22.0.4 93.3 1 179.2 -45.0 1 204.0 91.0 1 179.7 1 6.0.4 93.3 1 22.0.4 94.0 91.0 1 179.7 1 6.0.4 93.3 1 22.0.4 94.0 91.0 1 179.7 1 6.0.4 93.3 1 22.0.4 94.0 91.0 1 179.7 1 6.0.4 93.3 1 22.0.4 94.0 91.0 1 179.7 1 6.0.4 94.0 91.0 1 179.7 1 6.0.4 93.3 1 6.0 1 90.7 1 6.0.4 94.0 91.0 1 90.7 1 90		22.7.0	1,000			# * # * # * # * # * # * # * # * # * # *		1.60%	63.0	1.000041
217.3 -55.6 212.1 -55.9 212.1 -55.9 212.1 -55.9 212.1 -55.9 212.1 -55.9 212.1 -55.9 212.1 -56.3 212.1 -57.5 212.1 -57.5 212.1 -57.5 212.1 -57.5 212.1 -57.5 212.1 -58.2 212.1 -58.2 212.1 -58.2 212.1 -58.2 212.2 -56.4 212.1 -58.2 212.2 -56.4 212.1 -58.2 212.2 -56.4 212.2 -56.4 212.3 -56.4 212.4 -56.4 212.5 -56.4 22.6 22.6 22.5 -56.4 22.6 22.6 22.6 22.6 22.6 22.6 22.6 2		2000	4.4.7.			350.0		20301	76.97	
212.1 -55.9 207.2 -56.1 207.2 -56.1 207.2 -56.3 207.2 -56.3 207.2 -56.3 207.2 -56.3 197.3 -56.8 192.7 -56.8 192.7 -57.5 102.1 -58.2 103.6 -59.0 179.2 -59.7 179.2 -59.7 179.2 -59.7 179.2 -60.4 179.3 -60.4 179.4 -60.4 179.5 -60.4 179.7 -61.1	0.00	217.5	-45.6			340.0		203·4	84.9	
2017.2 -56.1 202.4 574.0 285.9 94.0 1 202.5 -56.3 202.6 575.7 287.2 94.9 1 197.5 -56.8 192.7 -57.5 192.7 -57.5 102.1 -58.2 103.6 -59.0 179.2 -59.7 179.2 -59.7 179.2 -60.4 170.7 -61.1 201.9 573.7 287.2 94.9 1 201.9 573.7 287.2 94.9 1 201.9 573.1 280.9 95.6 1 201.9 573.1 280.1 94.7 1 201.9 569.1 280.1 94.7 1 201.9 569.1 280.1 94.7 1 201.9 569.1 280.1 569.1 569.1 1 201.9 569.1 569.1 569.1 569.1 1 201.9 569.1 569.1 569.1 569.1 1 201.9 569.1 569.1 569.1 569.1 1 201.9 569.1 569.1 569.1 569.1 569.1 1 201.9 569.1 569.1 569.1 569.1 1 201.9 569.1 569.1 569.1 569.1 1 201.9 569.1 569.1 569.1 1 201.9 569.1 569.1 1 201.9 569.1 569.1 1 201.9 56	0.00	212.1	6.55-			340.1		20+02	91.6	
202.3 -56.3 524.9 573.7 287.2 94.9 1 197.5 -56.8 517.9 573.7 287.5 95.5 1 192.7 -57.5 196.2 1 192.1 -58.2 517.9 57.1 287.5 95.5 1 103.6 -59.0 29.7 298.5 570.2 285.4 93.3 1 179.2 -59.7 286.4 569.2 285.4 93.3 1 179.7 -61.1 286.5 567.5 284.6 91.6 1 170.7 -61.1 286.5 567.5 284.6 91.6 1	00	201.5	-45.1			332.4		285.9	0.46	1.000014
197.5 -56.8 517.9 575.0 207.5 95.5 1 192.7 -57.5 517.9 572.1 207.5 96.2 1 103.1 -58.2 50.0 571.1 200.7 95.6 1 103.6 -59.0 50.0 570.2 200.0 94.7 1 179.2 -59.7 270.1 200.2 200.0 93.3 1 174.9 -60.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0	טייטי	202.3	-56.3			324.9		7.102	6.46	1.000072
192-7 -57-5 102-1 207-5 102-1	6.60	3/61	-56.8			317.9		267.5	95.5	1.00001
179.6 = 58.2	C.	1.261	147.5			511.4		297.5	96.2	1.000009
179.2 -59.7 298.5 579.2 205.4 93.3 1 179.2 -59.7 298.5 569.2 205.4 93.3 1 174.9 -60.4 204.0 91.6 1 170.7 -61.1 270.5 567.3 204.0 90.7 1	07.0	1.0.11	-58.5			0.40¢		۲۹۵۶	95.6	1.000068
179-2 = 49-7	٠. نون:	10.00	5.63			298.0		7.002	7.40	
174-7 -60-9 91-6 1 170-7 -61-1 204-0 90-7 1	ני י	2.621	1.6.3-			2.72.5		* · · · · ·	93.3	
1 1-00 0-107 C-100 C-1007	5.00	174.9	2.0°C			286.4		9 + + O.Y.	91.6	1.000064
	Colonia Ca		1919			6.01.2		0.107	7.06	7000001

** AT LLAST ONE ASSUMED RELATIVE HIMIDITY VALUE WAS USEN IN THE INTERPOLATION.

JALION AL	11110	10.40 FFFT MG		UPPER AIR DATA	DATA			
15 table 52	•	0550 IIRS KST		NW 30	J.		52.	SZ+66497 LAT DEG
Astronomical HO.	10. 32			TABLE 10			106	106-49714 LON LLG
of one TRIC	PRESSURE	TEMPLANTUPE	KEL. HIM.		שני ניילישל	WIND DAIN	۷.	IN.F.X
AL 111100 1156 Fre 1	MILLIBARS	AIR DEWPOINT DEGREES CENTIGRADE	PERCENT	64/CUBIC METER	SOUND	IREC 10N	SPEEU NN015	GF KEFKACTION
4.000.0	162.6	-62.6		269.1	565	243.3	90.9	1.000060
Stablin.	150.7	-42.9		263.0		243.2	92.3	1.000059
40000	154.8	-63-1		250.6	-	263.1	93.5	1.0000.7
45500.0	151.1	-63.3		250.0		202.13	93.8	1.000056
**************************************	19.7.4	1,3.2		244 · C		\$ • 78.7 2 · 1 × 1	2.50	1.000054
4/000.0	140.3	-62.B		232.4	265.0	281.3	90.6	1.000052
9.7500-0	130.9	-62.6		226.5		281.3	80.8	1.000050
. Hullot.	1,55.5	**Z'		220.0		Z81.7	87.2	1.000049
0.000000000000000000000000000000000000	6.051	162.E		215.8		202.8	85.7	1.000048
	124	7.071		211.0	564.5	2.407	84.3	1.000047
50000	121.6	2°0'51		2000	565.4	0 * 00 %	82.5	1.000046
Sobno.	110.1	1630		1000	2000	10/07	77.6	1 - 060045
J.0001C	110.2	-53-B		191.7		4.085	75.7	
5150n.n	114.4	-6,4+5		187.7	262.7	203.5	74.0	1.000042
52000-0	10%-7	\$\frac{1}{2}\frac{1}{2}		183.7		4.002	72.6	1.000041
020nc	10 T	-65-2 		179.2		277.3	71.4	1.000040
0.00000	5001	1,50.50		174-6		/10./2	69.3	1.000039
24000	* 000	10 E		**O/T		0.072	1.79	1.000038
2000	Sec. 6	6.55		160-2		277.	2.63	1.000037
55000-0	34.5	8.4.8		157.9	26/10	1.174	62.0	1.000035
55500.0	4.4.2	9.49-		154.0	100	278.2	63.0	1,0000 4
5.7000	23.4.0	5.4%-		150-1		278.6	62.1	1.000033
ישרמטלי.	1919	-64-3		146.3		2.617	60.2	1.000035
57550	ກ ທ ດີ	の・サジー 		142.6		279.6	57.5	1.000032
0.00000	7.00			139.0	563.3	ر•0م∠ ژورون	51.0	1.0000.1
6.504,354	2016			130.5	565°5	4.102 201.4	0 · 3 ·	1.000030
o occurs,	17.5			152.3	560.4	7.002	39.8	1.000029
5.0046.0	73.66			124.4	562.5	0.6/2	35.0	1-000029
6.00แกล	73.7	0.931		123.9	#• 09c	7.47	32.1	1.0000.1
9.00ch	71.9	-66.1		121.0		271.0	32.0	1-00007
61000.3	77	-46.2		118.0		271.3	32.5	1.000026
6.1500.10	1.00	-64.5		115.5	960•0	6-072	33.0	1.000026
5.00050	60.7	6-69-		112.0		6-17-2	32.6	1.000025
0.00054	U • 0 3	2.14.		110.0	559-1	J. 3.U	32.2	1.000024
0.00000	65.1	V.03.1		7./01	559.5	2/4-1	32.4	1.000024
	70	G.75		1110.Y	561.3	7.0.7	32.1	1.000023

9E0DETIC COGNOTHATES 52-88497 LAT DEG 106-49714 10N 34 C		INUEX ED OF	TS REFRACTION	33.0 1.000u22	33.3 1.000022	53.4 1.000021	33.2 1.000020	33.0 1.000020	32.3 1.000019	4	-	27.8 1.000018	26.0 1.000018	24.5 1.000017	23.1 1.000017	22.6 1.000017	22.2 1.000016	1.7 1.000016		•			17.2 1.000014	14.8 1.000013	12.4 1.000013	6.7 1.000013	2.6 1.000012	-	12.6 1.000012		1.000011	1.000011
0F0		WIND DATA	"LEGALES(IN) KNOTS		279.7		204.0										244.5												91.1	88.v 1.		
1879-68 AIK DAIA 31992-20032 188-30	TAPLE 10	DENSITY SPLED OF GMZCURIC SOUND		100.00 505.0	1.495 7.76	4.096 2.46	91.9 564.1	89-1 569-3	87.0 569.9	85.0 569.0		81.1 569.0		77.0 567.9	75.9 567.4	74.2 560.0	72.3 567.4	70.3 566.2		66.5 570.5											50.4 575.1	49.2 575.5
1.00-40 Fri T ASL 0550 HRS NS1		TEMPERATURE REL-HUM.	FARLES CENTIGRADE	rc •	c.	ສຸ	••	2*5	&•	₹·	9• <u>•</u>	ۥ	2-1	٠ <u>٠</u>	· ·	• 5	Q.	÷.	0.	~ •	٠ <u>.</u>		•	6.	••	*		e.	۳.	•		1.
Ս _{ՆԵ} 4918 05 32		PRESSURE AT	MILLIBARS DESK	60.4964.3		57.5 -61.8				-					•									•					-	54.5 - 65.3	•	30.13 -55.1
STATION ALTIF 15 NOV. 62 ASCENSION NG.		GFUML TAIC	MSE FELT	6.49064.3	64507.0	0.0000	იანეშა	604107.0	ひかいのし ひ	6/11/10	3.00.70	o o o o o o o	15550A+A	6.00mgs	69590	יייטויט)	r-ouch/	ն•ւսու/	11500.0	C-0007/	C. C. C. C. C.	(3000)	75590.0	C.000.	74500.0	7.5000.0	755,00.0	70000	/ี้เรากก.ก	· • • • • • • • • • • • • • • • • • • •	11500.0	/sunn.o

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STATION AUTITUDE 4010-40 FELT (S) 15 nov. 62 053n HPs p.S) ASCENTION 52

MANATORY LEVELS 3190220032 NW 30

9E0DETIC COUNTRAIES 32-88497 LAT 126 116-49714 LOH DEG

TABLE 11

EGGECTION	PRESCURE GLOPOTENTIAL	OPPOFFINITAL	•	TEMPERATORE	יהטיויים	Alvo Unia	۷JV
5121. 2.2 -10.6 3u. 100.6 6726. 2.0 -10.4 3y. 179.9 8444. 5.4 -4.4 4y. 227.3 10203. 3.6 -2.3 6b. 227.3 1225.2 -7 -9.9 5u. 242.0 143344.8 -14.0 6u. 2242.0 165559.6 -75.6 10. 2267.0 1896812.4 -73.6 10. 2267.0 1896812.4 -73.6 10. 2267.0 2755633.7 -42.0 63.9 2755653.8 -42.0 63.9 280.7	MILL 11. AKS	FEET	AIR DEGREFS	DEVPOTET CENTIGRADE	PLRCE11	DIKECTION	SPLED ANOTS
6726. 2.0 -10.4 39. 179.9 Ruqu. 5.4 -4.4 49. 229.5 1025727 -9.9 50. 242.0 143344.8 -14.0 40. 254.0 145359.6 -75.0 20. 250.0 2158117.9 -36.9 17. 270.0 2755633.7 -42.0 43. 264.0 285.3 -42.4 49. 220.1 245.3 -42.5 -42.0 43. 264.0 255.3 -42.6 -25.7 266.4 455.2 -63.4 45.7 266.7 -65.1 65.1 20.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1 270.6 260.1	n50.0	5121.	2.2	-10.6	30.	100.5	8.8
8444. 5.4 -4.4 49. 227.5 10203. 3.6 -7.3 69. 227.5 1225. -7.9 50. 242.0 14334. -4.8 -14.0 40. 254.0 16555. -9.6 -75.0 20.0 220.0 18968. -12.0 -73.6 17. 20.0 27556. -35.7 -42.0 43.0 20.0 27556. -35.7 -42.0 43.0 20.0 27556. -35.7 -42.0 43.0 20.0 27556. -35.7 -42.0 43.0 20.0 27556. -57.6 20.0 20.0 27556. -57.6 20.0 20.0 27556. -57.6 20.0 20.0 27576. -57.6 20.0 20.0 27576. -67.8 20.0 20.0 27576. -67.8 20.0 20.0 27576. -67.8 20.0 20.0 27576. -67.8 20.0 20.0 2	0.00	6776.	2.0	-10.4	3.9.	179.9	11.8
10203. 3.6 -2.3 69. 227.5 122527 -9.9 50. 242.0 143344.8 -14.0 40. 254.0 165559.6 -25.0 20. 20.1.1 1896812.4 -13.6 19. 20.1.5 2154117.9 -36.9 17. 220.0 2755633.7 -42.0 43. 264.0 3495767.8 -60.4 455.2 285.7	750•n	****	5.4	7.4.4	* 7 ±	25.9.5	15.2
122527 -9.9 50. 242.0 143344.8 -14.0 40. 254.0 165559.6 -75.6 20. 254.0 2154112.4 -73.6 15. 201.1 2154225.3 -45.1 17. 270.0 2755633.7 -42.0 43. 264.0 3497053.8 -60.4 4555260.4 4555263.4 266.7	700.0	10203.	3.6	-2.3	65.	26.7.5	21.5
143144.8 -14.0 4u. 254.0 165559.6 -25.0 2u. 2ul.1 1896812.4 -3.6 15. 2ul.2 2154117.9 -36.9 17. 2ul.1 2455633.7 -42.0 43. 2ul.1 3473053.8 -42.0 43. 2ul.1 3473053.8 -20.0 4552263.4 2ul.1 540.6	F559.P	12252.	7	6- 0−	•0¢	0.242	20.8
165559.6 -25.0 20. 2011 1896812.1 -33.6 19. 207.5 2154117.9 -36.9 17. 207.5 2154125.3 -45.1 17. 270.6 2755633.7 -42.0 43. 264.0 3497057.8 -66.4 200.1 2457960.4 200.1 255.4 256.4 267.5 267.5 -65.4 267.5 267.5 -65.4 267.5 267.5 -65.4 267.5 267.5 -65.4 -64.0 267.5 268.7 -65.6 -57.6 268.0	v-(-0')	14374.	6.1,-	-14.0	• 2	2.402	24.8
1896812.4 -33.6 19. 207.5 2154117.9 -36.9 17. 281.1 2755625.3 -43.1 17. 270.6 2755633.7 -42.0 43. 264.8 3496055.4 42.0 43. 264.0 4537960.4 4552263.4 265.1 5369363.4 -64.0 65.1 5369364.0 -54.6 571.5	1500·n	16555.	-9.6	125.6	2c.	2000	25.0
215.0117.9 -36.9 17. 201.1 2755625.3 -43.1 17. 270.0 2755633.7 -42.0 43. 204.0 3103742.5 -42.0 43. 204.0 3470053.8 -20.1 3761356.4 201.1 4537960.4 201.1 455.263.4 201.1 501.1 501.1 601.1	1,00°	18968.	-12.4	-33.6	10.	201.5	20.3
2755625.3 -43.1 11. 270.0 2755633.7 -42.0 43. 204.0 3103742.5 -42.0 43. 204.0 34.35742.5 -42.0 43. 200.1 34.35753.4 200.1 45.5263.4 20.2 45.5263.4 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2 585.1 20.2	450.0	215,41.	-17.9	6.98-	17.	261.1	34.9
2755633.7 -42.0 43. 204.0 J103742.5 42.0 43. 204.0 290.1 3498053.8 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 204.0 200.0 20	400.0	-6€442	-25.3	-43.1	17.	270.0	37.0
3103742.5 3470053.6 3761356.4 4237960.4 4552263.4 4920762.5 585.1 585.1 585.1 585.1 585.1 585.1 585.1 585.1 585.1 585.1 585.1 585.1 585.1 585.1	350.0	27556.	-33.7	-42.0	• • • •	204.0	***
347An53.8 3764356.4 4237960.4 455263.4 455263.4 492762.5 585.1 585.1 585.1 585.0 585.0 585.0 586.0 586.0	300.0	51037.	-47.5			0.567	57.1
3964356.4 287.5 4237960.4 20.4 20.4 20.4 20.4 20.4 20.4 20.4 2	2.02%	34230.	-53.8			7.002	61.1
4237960.4 4552263.4 4926762.5 585.1 5816.1 581.1 6369464.0 670.6 6	÷000	39643.	-56.4			267.5	45.2
45522 -63.4 49207 -62.5 585.1 58154 -63.8 60030 -64.0 670.2 670.2 670.2 670.2 670.2 670.2 670.2 670.2	175.0	42379.	-60.4			204.0	9116
4920762.5 5343065.1 5815463.8 6003066.2 6369464.0 6762059.7	150.0	45522	-63.4			7.797	93.9
536.90 -65.1 5416463.8 600.3064.2 636.9464.0 676.2059.7 7218657.6	1.55.	492n7.	-62.5			285.7	87.4
5415463.8 201.1 6003064.0 27.0 6762059.7 200.0	100.	536AB.	-65.1			7.017	65.0
6369464.0 6762059.7 7218657.6	≎000	54164.	-63.8			1.107	41.5
6349464.0 277.2 6762059.7 286.0 7218657.6	70.0	OU! 30.	-64.2			271.3	34.5
6762059.7 218657.6 294.d	v•09	63094.	-64.0			0.117	22.0
7218657.6	50.	67620.	-59.7			2.997	20.5
	¢.0.	72186.	-57.6			D. 45	۲.۶

UE OPETITE COMPUTABLES 32-69427 LAT (46	;																																										
۷.۱۸		מנו. יואואי	ויבאכריין	71.0	2.7.	21.0	%S.C	27.0	7.7	2.5.		3.5	71.0	05.0	2.5	3	9.95	21.0	20.00	ž.	2.0,	2.6	12.0	3.,,		0.27	3· , ,	23.6	2.5	? ?													
SIGNIFICANT LEVEL DAIA SIONPARIOS ERST-ZOZENERI	12	Tr. IPL (AT UNC	DEVIOUS CLUI LUNALE	1.0-	-to-c	1.4-	-10.4	***	-6.1	4.6-	-1.5	0.7-	1.5-	->-	***	1./-	2.7	-10.c	-1.0	-11.7	-18.	3.7.	~×.~	-23.1	0.14-	***	-25.0	9.57	0.7	/													
Stelate 1C	TABLE 12	ح	Alk Desires	4.1-	5	2.2	1.3	2.5	6.5	÷.	3.6	4.5	3: <u>-</u>	•	٠.	-1·t-	3.7-	1.	-2.5	-9.7	-7.1	3.4-	-11.5	-::- -::-	-23.1	->2.4		£ . E.	->!<-	2.4.	4-1-4	~		-55.7			65-	****	-40.0	6.63	F. 1. 7.	3.5	143.7
ار - ا			ALTITUDE MSC FEE 1	3012.7	4,29%	5,675.4	U123.A	77.111.1	0.84(N	A491.0	478R.5	10255.4	11082.0	1,701.4	1,102.5	12070-1	13021.7	9-1.9681	13664.0	16101.3	10.24.01	1004	ויסטיוו	19124.7	4.30°24.0	74761.4	25119.4	212424.A	27295.3	24057.	31127.9	32173.5	25177.8	25707.3	3044.6	31.64.2	20121.2	#2002.F	** ** **	W.576'8.A	47141.0	** ONT NO.	30.350.05
0730 11P1 H		PIGFFAINE	HILLIHAMS	C.An.2	N75.4	11500	E 7 . E	175.00	7.57.1	747.6.	712.3	700.0	57.H.C	0.0.1.	1,20.0	1,24.1	C. 301. 3	0.00	1	2,340.2	6.4.7	25%	56A.A	3.165	*10.5	400.0		7.23	: * .	377.8	200.0	24°.5	236.1	0.147	7.8.7	221.5	C. 00.	174.0	15.0.A	1.00.1	1.50.0	131.0	7.62
5761100 ALTITUOL 3912+75 FFFF #5L 15 Eny, 62 0736 HP, 651 ASCENSION 464 105																																											
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oE0JETIC COUNTINATES 32-09967 LAF UCG 136-40591 ERI UEG	Insex C+ ru.Franc 11014	1.000273	1.000001	1.7646.4	07/205.T	1.000.1	76 2500 · T	1 0 1	1.000.	2. 2.00	5 * 5 C 5 * 1	1.000.1	11/000-1	** ***** 1	30 700 · 1	1.0001	1.0001.1	1.003107	* C TUBU - T	2. 100C-1	1.00010.1	B. +1000 - 1	W. 1000-1	5.7. TACE - 1	75.000		4 % 1 U U U U U U		0 x 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		7. 1-80-1	34 1000-1	
∪£00E11c 32*c 136*4	orteo Anots			N		~ .			10.0	~	7.10	21.5	77.5	2 · ·	0.7°	· · · · ·	***	23.1	7.76		23.1	23.0	23.1	6	6 . A.A			, ;			4	*	¥ X
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UPCR AIR OALK \$190299165 EAST-20/CHCRRE T/BLE 13	OVENSTA S	113/-1	107004	10.00	10:00	0.700		70.0	0.710	8.700	27/2	34.0.0	D. C. C.	#13.K	300.0	2	28.0KZ	2.74.5	7.1.7	7.00	729.0	700.5	7.10.5		1.7.2						50.00		A. 9
E	ni L. Hum. PERCENT	71.0	25.2 20.4	*1.5	*	30.5		7.5	1.04	C * C * C * C * C * C * C * C * C * C *	2.7.5		67.0		7.6%		39.9	*2.7	, ·		6.5	14.2		٤٠٠	K C					4			15.6
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2+75 Fij Fust 730 ars 195	TENFE ATH DECKEEN C	-1.5	27. N/N	o .	: ::	۲۰۶ ن	; ; ; ;	9	€ •0	,		1.1	ŗ	÷.	~ 6	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4.5-		7		-4-	-7.5	9:4-		e						*	1.4.1	£.8.4
105 391 0 401	PRESSUPE HILLIDARS	890.2	1,040 - 7	4.00		7.00.5	******	1.1.2	110.5	0.07/	40000	1.000	h.0.0	4.50.4	1.000	3.614	40100	2.00.00	0 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	# 1.7¢	17.00	·		***	7.000		~ ~ ~ ~					4.50.4	A . # . # . # . # . # . # . # . # . # .
\$\frac{1}{15} \text{(100} \tex	of out fate at 11140t rist pre, i	1912.7	Config.	4.0000	1. COC.	/ to) v .	3.000	0.0000	o · oung.	0.0000	6.00001	11:00.0	11500.3	14:1100.0	C. C. C. C. C. T. C.	13570.7	141100.0	14,590.0	0.0004	C.00014	10,00.0	17060.0	1 7.00.0	C.CC5.	0 00000		30000		1000.		0.000	7.676.25	4,000%

SECONDARIA CONSTITUTATION	32-6.4327 LAI 1LG	136-40'591 Lau LEG		. Harry	MEEU GATION	27.h 1.nintl su	24.4 1.00ml.A	30.5 1.0001.5	32.7 1.0001.4	-	-	52.5 1.50a11a	•	• -	-	35.2 1.600164	-	75,000.1	• -	• •	**************************************	•	*0.0 I. nought	-	1,7000.1	42.1 1.000UV		-				•	-		AU.5 1.000072	-				
				3	Lukerstia	<13.5	210.5	70.7	4.00°	/-107	2000	0.202	30.707	7.07.	/-102	7.no2	7.0,7	\$	(11.7°		7.0.7	70.7	, 00.	5,0,2		2/3.5	4.5/7	1.5/2	2,5.0	3.677	277	.74.2	<0102	20300	いいい	0-/07	2-/27	201.0	1.000	7.
<u> </u>	4.51			שרוננים על	01400. 210114	41/10	a.cla	0.170	1.77	c111-2	c10.3	0.40.1	1 - / 6 - 1	7 - 7 - 7 - 7	7-100	2.940.2	>.00,0	290.00	A	> · · · · ·	3 : - 5 : -	7	200	5. P. C.	2. 2. A.C.	1.147	274.5	576.3	577.B		7	7.7.	2017							
n rev Alk Lala MonPontes	LAST-20/UNUN	TABLE 13	Cont'4			57/10	\$-00G	5.0.3	1.0%	241.5	53.5.5		0.500	7 0 70	4.100	4.84.	470.5	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	0.000	7	2-12	4.30.7	477.4	416.3	804.5	404.5	30.0.0	2000	374.0	3,0,5	5 · · · · · · · · · · · · · · · · · · ·		7.05	332.7	325.5	310.2	311.5	516.5 511.5 504.4	2000 2000 2000 2000 2000 2000 2000 200	2000 2000 2000 2000 2000 2000 2000 200
-				•	PERCI NT	15.8	17.0	21.1	1.58	47.2	37.2	32.2	9.40	96.0	27.4	20.00	22.0	14.80																						
i rist.	₹.			PETITION DA	DEMPOTER LEGITORADE	-41.5	***	0.04.	-36.4	H-76-	-57.9	~·u*-			145.3	-47.6	=======================================	G • 50 · 1	\$ 000 F	6.21-																				
12.75 fr, 1 abi	730 tos			Ξ	ATR	-55.5	5.5.	0.1,6-	475.55	13000	0.7%-	Z-00:-	0.00.		14.6	- 40.0	3.7.1	7-SP-		· · · ·	ر ا د د د د د د د د د د د د د د د د د د د	1.7.1	1.0°	-47.0	-100-1	-r.0.h	0.2.	H-7'-	· · · · ·	7.5			1.5.0		1.5.1	1.0.1	1.0.1	1.0.1	1.0.1	
16, 30hH		ر. ا		Pichiouse	ailtimis De	٤٠٥١	40/61	4.06.5	10105	343.0	375.0	5,7.1	2.00	7.44.0	3,50.11	329.6	1,00°	2.015	0.000	100	2002	2010	275.5	26.76.2	20,00	25/11	2,11.2	245.4	7.75	7.55.7	/ · · · · ·	2,000	2012	2000	2,000	1.10.3	110.5	110.5	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	
STATUS ALITIUM, 3912.	15 110% : 16	Methingon no.				0.00000	0.0000	6,45,60	3 - 50 0 100 /	0.00000	7.00000.	C. 00000	2.0027		20000	C.,1100.0	5.00°C2	String	3.03000 1.03000	C. C. C. C.	0.000.0	5.000.0	23000	23,000.0	341190.0	04500.0	35000.0	0.000,00	Jennie f	30,589.5	3,500		C. CO. 47	0.0000	S. P. S. D.	40000.0	40,000.0	\$41,500.0 \$11,500.0	40000000000000000000000000000000000000	######################################

AT LLAST ONE ASSUMED RITLATIVE MANIOTY VALUE AND USED IN THE TRILLHOLATIONS

514/10@ ALTIT 15 46V- 62 ASCLISION 60+	հիլ. 39 165	12-75 Filt N5L 1736 HRS 1151	_	HPPLR AIR DAIN 31-02-90165 EAST-26/CHLIR TABLE 13 CONT'4	7 17 18 18 18 18 18 18 18 18 18 18 18 18 18		νΕΟDL T1 32• 136•	vEODLTIC COOMPHATES 52-09927 LAT DEG 136-40591 LON DEG
Gi. Just Tride	PRESSURE	TEMPHIME, PE	KEL.HIM.	DENGITY	SPLEU OF	AINU UNTA	14	I task X
ALTINUL NSC FFEI	HILLIBARS	AIR DEWPOINT DEGRÉES CENTIGRADE	PERCENT	GMZCUBIC NETER	STOPIN	"IRLL (IUN	SIFELD	OF REFRACTION
45504.0	10/05	ħ•6h-		273.1	569•3	264.6	30.7	1.000061
******	1,5.5	8.6,1-		267.0	-	U•46>	79.6	1.000059
445,444	153.6	5.0.1		261.2	560.4	4.ca2	7.8.7	1.000058
45000	150.8	-61.1		255.4		7.602	78.3	1.000057
45500.0	154.	-£2•i)		250.8		4.co>	77.9	1 • • • • • • • • • • • • • • • • • • •
	14:303	-1.2.7		245.5	2.095	Q+40,7	75.0	1.000055
40,507	14.1.7	-(·3•0		239.9	•	402	73.0	1.0000.5
4/500.0		#*9\-		4.452	_	7.707	70.4	1.000052
47.000.7		N・9 4		2200.0		70107	64.6	I choom i
40004		-6.2•6		4.222 4.225	••	0.002	66.0	1.000050
G.C.D.V.	1.11.1	5.5.3		210.0	5.000	707	3.00 3.00	1.000044
4.0004	12/•	162.5		211.7	5.55.	3.502	200	7 *000v · 1
0.00004		D • C · C · C				0.00	7.05	1.000046
	1134.6	150.00 16.50		197.5	7.000	**OD'	64.7	1.000042
53100	5.01	0.00		192.7		7.00	68.2	1.000043
\$1000TC	115-1	-6.5.6		186.0		292.5	66.7	1-000042
Senar.	110.3	-,5.6		183.5	-	0.40,7	64.4	1.000041
5.2507.4		-6.3.7		174.0		202.5	62.4	1.00000
P. 400054		0.8%		3.471		ره () ه. ر د () ه. ر	50.9	1.000039
55,000	_			1/1-1		0.677	9.60	1.0000
כייטטטיה	5.66	1974 1985 1985 1985		167.5		2,48.0	57.8	1.00001
0.000000	0.16	5 · 5 · 1		1.001		1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2000	1.0000 L
15500.0		C • 2 • 1		154.	30,700	77.3	30.00	\$50000 · 1
Sound.	200	153.6		150.4		277.4	50.9	1.000033
54:500.0	80.3	1.3.2		140.5	h•hy0	211.7	50.7	1.000053
ร/ถกก.า	1000	4.6.4		143.1	2.495		50.4	1.000032
0.00c/c	44.0	-63.5		139.7		1.07.7	40.04	1.000031
Sanon. n	112.0	-63.7		130.4		78.0	48.2	1.00000
5สรกก. ค	20.0	163.8		133.1		7.1.7	\$ · \$ 0 \$ * \$ 0 \$ * \$ 0	1.000030
2. UUUKC	76.0	0.4.0		130.0		6.017	43.3	1.000029
59509.7	70.1	したようい		120.4	5636	2/000	40. 60.	1.000028
		0.70		1995	-	3/n/2	37.8	1.0000.7
				7.0.7				70000
01.00.10	C - 65	5 m		114.0	2000 2000 2000		37.0	0/0000.1
0.00050		1.2.3		111.2		1.67.3	37.3	1.000025
0.5590.0	7.00	-62.3		100.5			36.7	1.00000
551104.0	1.4.1	-1.2.2		105.4	565.4	1.817	35.7	1 • 000054

ASCLUSION NO. LOS GFON TRIC PRESSUNL ALLI ITHA	ASCLASION 100 - 105 GEORITRIC PRESSURE TENGERATORE	REL.HUM.	EAST-20/CHARY TABLE 13 CONT'A DEBSITY SPEED	STEEL OF	NING ONTM	1 1	3% 3 H
MILLIOARS	DEGREES C	rencent	MLTER	SOCIATI	LUKLES (TN)	ANOTS	OF REFRACTION
9.5u	-(2.2		103.3	ეტეტი	275.9	34.8	1.000023
0.10	-62.2		100.0		V. 74. V	53.9	1.000022
534.6	-6.2.2		4.06	565.6	270.1	33.0	1.000062
50.1	-62.2		90.0	-	277.5	32.1	1.000001
1001	-62.2		93.0	6.099	270.3	31.8	1.000021
55.3			91.4	560.9	5.61.7	31.4	1.000020
e•+3	1.2.1		83.5		2.082	31.0	1.000020
5.50	-62•1		9/8	ე•იყ	/•007	30.4	1.000019
51.4	-61.4		A4.0	6.096	201.3	29.8	1.000019
5.0.5	-6.9.3		0.20	-	202-1	28.6	1.000018
C+61	-59.5		79.9	569.5	263.1	27.1	1.000018
た・/ #	5.9.5		77.9		5.452	25.5	1.000017
40.7	6.5.1-		75.9		200.13	23.3	1.000017
40.4	-58.6		74.0		207.1	21.1	1.000016
\$ * # # *	4.65		72.2		509.4	19.2	1.00/1010
4.00	n-22-		70.4		291.4	18.3	1.000016
45.4	-F.B.0		66.3		2,93.1	17.4	1.000015
1 7 0 1	P. 8. 9		67.3	570.5	293.5	17.8	1.000015
☆・ ① t,	2.6.		65.0		292.5	19.6	1.900015
± .6%	£•0°11		54.5		291.1	21.4	1.000014
36.5	F-69-13		65.0		292.0	22.6	1.000014
37.6	-59.1		61.2		592.9	23.5	1.000014
30.7	1-69-4		24.5		7.567	24.5	1.900013
35.0	-47.65		57.9		293.3	25.3	1.000013
35.0	1.55		0•٥٠		792.4	26.0	1.000012
34.5	174.5		24.0		591.4	26.7	1.000012
30.00	H • + 1:-		55.0		7.067	26.8	1.000012
3<.0	15.U.		51.7		2020	56.6	1.000012
31.8	4.53.4		50.4		247.5	26.3	1.000011
31.1	-5.3.6		49.3		267.3	25.2	1.000011
30.4	-1.3.9		13.2		∠80-1	23.6	1.000011
2.3.1	C • † i'-		47.1		6.00%	22.0	1.000010
つったべ	-53.9		0.04		5·067	21.7	1.000010
24.3			45.0		7.767	22.1	1.000010
51.6	6.5.9		43.9		0.€5	22.4	1.000010
016	-1.3.8		42.9		0.467	22.8	1.000010
7000	-E.5.B		7.75		> 26.	23.0	P00000-1
25.68	2.3.5		T-02		**067	200	1.000000
25.5	-< 3.7		34.4	1.174	399×	23.7	1.0000
9.0			~				

9E00LT1C COUNDIMATES 32+89327 LAT 0E6 136+40591 LON 0E6	INUTX	SPEEU OF NHOTS REFRACTION	23.9 1.00008	24.1 1.000008	-		22.9 1.00000	7	21.4 1.060007	-	~	18.6 1.000007	-	10.1 1.000000	• -	. ~	25.6 1.000006	~		33.8 1.000005	-	36.1 1.000005	37.2 1.000005	4	39.7 1.000005	₹	•	-	-	46.1 1.000004	1	~ ·	~		1.000000		
3	*INC DAIN	HERESTNI S	262.3	./9.1	277.5	277.5	217.5	C-17.5	2//-5	21/2	470.0	7,5.4	0.472	2/2.0	7/103	270.8	270.7	1.17.7	271.4	27157		2/1.3	711.1	7.027	\$ 07.7 \$ 07.7	70.07	70.0	2,000	6.0%	6-n/2	0.172	(1-1)7) · 1 · (9.1/2	5 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	71.5	0.1.7
en.TA bo Mukir	SricEo OF	SOUND	5711.							C-Dac	-		•	584.5								2.000 2.000 2.000 2.000			1.0E0					585-1	•		_	-			9.16
HIPPLR AIR HATA 3199290165 EAST-26/CHURRY TABLE 13 CONT'D	DEUSITY	ر	30.1	37.2	300	35.5	34.0	33.7	34.6	31.1	30.4	29.0	28.B	20.1	77	20.0	25.5	54.9	# · · · · · · · · · · · · · · · · · · ·	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00		2 V C	21.6	21.5	3.00	ר היים היים	7	3.71	10.0	10.	17.7	17.5	16•ë	3	ے د د		V :
0	KEL.HUM.	PERCENT																																			
มี2 • 75 € 7 บระ ย73ก บเช _ร ยุธเ	TEMPERATURE	PECKLES CENTIGRADE	-6,5.6	163.0	0.71	-,3.5	4.53.9	-42.7	152.0	-1,1-3 -1,0-6	0.071	4.6.11	-ti 8.9	-48.3	-1,7-1	110.6	7,46.7	6.91-	-17-1	2010	V	2./2.	-1,7.3	4.7.4	# / u / u / u / u / u / u / u / u / u /	7 - 7 - 7	-0.7.6	-4.7.6	-1,7.7	-47.6	-46.0	1.0.1	T-02-	Z-511-	C • # • • •	7 d 7 d 7 d 7 d 7 d 7 d 7 d 7 d 7 d 7 d	(• 2h
0pc 35	PRESSURE	MILLIMARS	24.0	25.4	6.76	1.2%	21.3	21.3	٠ ٠ ٠	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17.4	19.0	18•6	10.2	17.5	10.01	10.6	10.2	F. 5.	10.0	101		1.4.1	13.11	13.5	7.01	9.7	5.21	3.21	11.8	11.5	11.2	J • K I	19-7	C. 9.		
5141100 ALTITUDE 3912. 15 HOV. 62 ASCLUSION NO. 105	GEONETKIC	ALLITUDE NEST A	95500	D. 000000	0.005.48	Banda.	85590.0	though a	ສະນຸນທານ	0 * COC/ **	השטטיים	G8559.3	0.000C0	0.000000	0.000.00.	91000	71500.0	9200n.a	9250n.n	2.00000 2.00000	0.00000	7.000.75	תיטטטנון.	45569.0	4000000	47000.0	. JU. 25	Shuft.	1,00000	יים חמוואה	C.00366	היהייטון.	196569	101000	161556.0		9000000

STAILCH ALTITUDE 3 15 HOV: 82 ASCLHSLOH HO: 105	•"	025-25 FF; 1 N 075c 182, AST	1 NSL hS1	2	UFFLE AIR DAIA 3190290100 EAST-20/CHERICE TASI F 13	UNIA US HERAG		vEODET1 52. 136.	VEODETIC CONIDIMATES 52-69927 LAT DEG 136-40591 LOJ DEG
GF U.A. TRAC. AL LADYOR HSC. FF F.	PRESSURE BILLINARS	TENY AIR MECRIFS	TEN; + KATURE ALK DEWPOINT	KEL.HUM. PERCENT	Cont'd DENSITY GRYCUMIC	St. Lt. of Solvido	ALNU DATA	14 SPELD \$4014	Linex CF
103560.	9.6	-,11.9			14.5	29/94	Eune	50.5	1-00000
TOMOROLE	2.0	-41.7			14.1	20/04	77.10.1	50.9	1.000001
104500.0		101			13.6		4.172	51.4	1.000003
105000.0	C	-41.1			13.5	4.065	2/2.0	51.7	1.000003
105508.0	±;	6.01-			10.2		276.7	52.0	1.000003
10սոնը. Բ	4•0	-40.6			12.9		273.3	52.3	1.000003
100500	* •0	4.011-			12.0	594.4	4.57.3	52.7	1.00003
10/000.	٥•٥	-40.1			12.3		2/4.5	52.2	1.000003
16/500.0	ن 9	9•62-			12.0		72.1	51.7	1.000003
leston.	6*/	5.6.			11.7		273.0	51.2	1.000003
108500.0	7.7	£ -62-			11.5		4-927	50.8	1.000003
10,7006-1	7.5	1.65			11.2		2,000	50.5	1.000002
109500.0	7.4	-40.8			14.0		2,10.0	50.7	1.000002
1100001	7•3	-3G•2			10.7	•	270.0	50.0	1.000002
110500-0	۷٠/	-38.3			16.5		2,0,2	51.0	1.000002
111000.0	6•9	-38.2			10.2		270.0	51.1	1.000002
111566.	۲•٦	5.0°-			16.0	597.5			1.00000
112000.0	ς. Ο	-3.18.2			9.6				1.000002
1125500.0		-18.1			9•0				1.000002
113000.6	٠,٠	- 30-1			オ・ ブ	29700			1.000602
113,000.01	∾•	-30-1			7.6	597.5			1.000002

MANDA FORT LEVILES	3100230105	FAST-20/CHENRI	TABLE 14
	STA110; 3LTITU;c 3912-75 FFET [45]	15 (3)% (d. 175) (175) (35)	ASCERSION 10. tob

11.		ניני
1111	1 × 1	LON LLO
PLODETTE COURTINALES	32-65 EAT 1.AT 3EG	1.36 - 40.191

1777		

د																														
A 1 A 54'E U	KNOIS	÷.	10.1	13.8	54.0	5:.9	24.5	73.1	24.B	24.5	30.2	31.5	47.3	60.0	1.7.5	71.7	70.9	6/.8	57.9	¥0.5	3/.2	33.3	20.5	20.2	24.9	23.7	14.7 1	34.1	40.8	51.0
LINE TION S	ינחורד אווא)	104.0	170.5		3.05%											_											_		271.0	
MLL. Mon.		• 1 4	•1 ts	. / 5	چ	•10	., t	14.	15.	15.	.n.	25.																		
TEMPERATORY AIR DESPOSAT	DEGREES CENTIONALE	1.0-	0.01-	£.0-	-2.0	0.0-	-15.4	1.00-	-32.1	-37.0	→ • • • • •	-45. 5																		
	DEGREES	۲.۶	1.9		۲.۲	0.	6.4-	-6.A	-11.3	-17.3	-23.9	-32-1	9-14-	-52.3	-55.0	-58.9	-62.5	-63.0	-65.1	-63.A	-62.3	-62.2	-50.7	-59.3	-54.0	-53.7	-50.7	-47.2	さ・ベカー	29.0
UPOTENTIAL	1 E, T	5072.	6675.	R304.	10246.	12207.	14296.	16,23.	18.742.	21567.	2442	27569.	31067.	35932.	597.77	4,24,95.	45649.	495.54.	53324	58311.	01000	1,4124.	67826.	72421.	78420.	112262.	36483.	43210.	102012.	110023.
PRESCURE GEOPOTERIAL	MILLIPARS	0.50.0	r.00.4	7,211.0	700.0	650.0	1,000-0	150.n	r.00.	153.n	4004	3500	1.00.	757.n	200°	175.0	159•0	125.0	103.0	JC.0	70.07	0.64	50•∩	40.0	36.0	25.0	20.0	15.0	19.0	7.0

** AT LEAST ONE 155UMED MELATIVE HINIDITY VALUE WAS USEN IN THE INTERPOLATIONS

END

FILMED

2-83

DTIC